## Author Index

Abdul Ghani, A., see Smith, R. M. 349
Alary, J., see Vergnes, M. F. 369
Antalík, M., see Podhradský, D. 344
Ascah, T. L.
—— and Hunter, B. T.
Simultaneous high-performance liquid chromatographic determination of propoxyphene and acetaminophen in pharmaceutical preparations 279
Bailey, C. A.
—— and Chen, B. H.
Simultaneous separation and identification of carotenoids and chlorophylls in turf bermudagrass by high-performance liquid chromatography 396
Balinova, A.
Gas chromatographic determination of chloroacetamide herbicides in plants and soil 391
Bament, G. S., see Smith, R. M. 349
Barceló, D., see Farran, A. 163
Barman, B. N., see Jones, H. K. 1
Barnes, K. W., see Sentell, K. B. 95
Bicking, M. K. L.
——, Cooke, W. M., Kawahara, F. K. and Longbottom, J. E.
Effect of pH on the reaction of 2,4-dinitrophenylhydrazine with formaldehyde and acetaldehyde 310
Bier, M., see Wenger, P. 225
Boukharta, M.
——, Girardin, M. and Metche, M.
Procyanidines galloylées du sarment de vigne (*Vitis vinifera*). Séparation et identification par chromatographie liquide haute performance et chromatographie en phase gazeuse 406
Boyle, D. M.
—— and Van der Walt, L. A.
High-performance affinity chromatography of human progesterone receptor 434
Brooks, S. P. J.
—— and Storey, K. B.
Purification of phosphofructokinase using transition-state analogue affinity chromatography 291
Brunet, P.
——, Sarrobert, B. and Paris-Pireyre, N.
Adaptation d'une méthode d'analyse des acides aminés, par chromatographie liquide haute performance, dans les sèves xylémiques 173
Burcinová, A.
——, Tichý, M., Pacáková, V. and Štulík, K.
Application of amperometric detection to the high-performance liquid chromatographic determination of antipyrine and 4-aminoantipyrine in urine 420
Burkholder, H. R., see Sawyer, D. J. 193
Burton, S. J.
——, Stead, C. V. and Lowe, C. R.
Design and applications of biomimetic anthraquinone dyes. II. The interaction of C.I. Reactive Blue 2 analogues bearing terminal ring modifications with horse liver alcohol dehydrogenase 201
Carroll, D. L., see Robinson, R. S. 143
Chamsi, A. Y., see Smith, R. M. 349
Chen, B. H., see Bailey, C. A. 396
Chen, Y.-H., see Oshima, T. 410
Chu, Y.-Q., see Wainer, I. W. 316
Cooke, W. M., see Bicking, M. K. L. 310
Cribbes, R. L., see Smillie, R. H. 253
Dąbrowski, R., see Mazur, J. 323
Dębowska, B.
——, Samochocka, K., Przasnyski, M. and Sybilska, D.
Simultaneous determination of thiols and corresponding disulphides in mixtures by high-performance liquid chromatography with polarographic detection using a Dual-Tast analyser 336
Dellamonica, E. S., see Jones, W. J. 45
De Pablo, J., see Farran, A. 163
Dernovaya, L. I.
—— and Eltekov, Yu. A.
Retention and heats of adsorption of hydrocarbons and aliphatic alcohols on cellulose 263
Dorsey, J. G., see Sentell, K. B. 95
Dunphy, M. J., see Fulton, J. A. 183
Dziwiński, E., see Szymanowski, J. 119, 131
Egen, N. B., see Wenger, P. 225
Egoville, M. J., see Jones, W. J. 45
Eltekov, Yu. A., see Dernovaya, L. I. 263
Endo, M.
——, Mizutani, T., Matsumura, M., Moriyasu, M., Ichimaru, M., Kato, A. and Hashimoto, Y.
High-performance liquid chromatographic determination of hinokitiol in cosmetics by the formation of difluoroborane compounds 430

## Author Index

Abdul Ghani, A., see Smith, R. M. 349
Alary, J., see Vergnes, M. F. 369
Antalík, M., see Podhradský, D. 344
Ascah, T. L.
—— and Hunter, B. T.
Simultaneous high-performance liquid chromatographic determination of propoxyphene and acetaminophen in pharmaceutical preparations 279
Bailey, C. A.
—— and Chen, B. H.
Simultaneous separation and identification of carotenoids and chlorophylls in turf bermudagrass by high-performance liquid chromatography 396
Balinova, A.
Gas chromatographic determination of chloroacetamide herbicides in plants and soil 391
Bament, G. S., see Smith, R. M. 349
Barceló, D., see Farran, A. 163
Barman, B. N., see Jones, H. K. 1
Barnes, K. W., see Sentell, K. B. 95
Bicking, M. K. L.
——, Cooke, W. M., Kawahara, F. K. and Longbottom, J. E.
Effect of pH on the reaction of 2,4-dinitrophenylhydrazine with formaldehyde and acetaldehyde 310
Bier, M., see Wenger, P. 225
Boukharta, M.
——, Girardin, M. and Metche, M.
Procyanidines galloylées du sarment de vigne (*Vitis vinifera*). Séparation et identification par chromatographie liquide haute performance et chromatographie en phase gazeuse 406
Boyle, D. M.
—— and Van der Walt, L. A.
High-performance affinity chromatography of human progesterone receptor 434
Brooks, S. P. J.
—— and Storey, K. B.
Purification of phosphofructokinase using transition-state analogue affinity chromatography 291
Brunet, P.
——, Sarrobert, B. and Paris-Pireyre, N.
Adaptation d'une méthode d'analyse des acides aminés, par chromatographie liquide haute performance, dans les sèves xylémiques 173
Burcinová, A.
——, Tichý, M., Pacáková, V. and Štulík, K.
Application of amperometric detection to the high-performance liquid chromatographic determination of antipyrine and 4-aminoantipyrine in urine 420
Burkholder, H. R., see Sawyer, D. J. 193
Burton, S. J.
——, Stead, C. V. and Lowe, C. R.
Design and applications of biomimetic anthraquinone dyes. II. The interaction of C.I. Reactive Blue 2 analogues bearing terminal ring modifications with horse liver alcohol dehydrogenase 201
Carroll, D. L., see Robinson, R. S. 143
Chamsi, A. Y., see Smith, R. M. 349
Chen, B. H., see Bailey, C. A. 396
Chen, Y.-H., see Oshima, T. 410
Chu, Y.-Q., see Wainer, I. W. 316
Cooke, W. M., see Bicking, M. K. L. 310
Cribbes, R. L., see Smillie, R. H. 253
Dąbrowski, R., see Mazur, J. 323
Dębowska, B.
——, Samochocka, K., Przasnyski, M. and Sybilska, D.
Simultaneous determination of thiols and corresponding disulphides in mixtures by high-performance liquid chromatography with polarographic detection using a Dual-Tast analyser 336
Dellamonica, E. S., see Jones, W. J. 45
De Pablo, J., see Farran, A. 163
Dernovaya, L. I.
—— and Eltekov, Yu. A.
Retention and heats of adsorption of hydrocarbons and aliphatic alcohols on cellulose 263
Dorsey, J. G., see Sentell, K. B. 95
Dunphy, M. J., see Fulton, J. A. 183
Dziwiński, E., see Szymanowski, J. 119, 131
Egen, N. B., see Wenger, P. 225
Egoville, M. J., see Jones, W. J. 45
Eltekov, Yu. A., see Dernovaya, L. I. 263
Endo, M.
——, Mizutani, T., Matsumura, M., Moriyasu, M., Ichimaru, M., Kato, A. and Hashimoto, Y.
High-performance liquid chromatographic determination of hinokitiol in cosmetics by the formation of difluoroborane compounds 430

Farran, A.
——, De Pablo, J. and Barceló, D.
Identification of organophosphorus insecticides and their hydrolysis products by liquid chromatography in combination with UV and thermospray–mass spectrometric detection 163
Fogg, A. G., see Smith, R. M. 349
Fujita, M., see Mochizuki, E. 271
Fulton, J. A.
——, Pokharna, H. K., Dunphy, M. J. and Smith, D. J.
Resolution of diastereomers of N,N,N′,N′-tetrakis(2-hydroxypropyl)ethylenediamine (Quadrol) by reversed-phase high-performance liquid chromatography 183
Gemmel, B.
——, Schmitz, F. P. and Klesper, E.
Consecutive gradients in chromatography. Gradients under sub- and supercritical conditions including composition gradients and multiple gradients 17
Giddings, J. C., see Jones, H. K. 1
Gill, R., see Smith, R. M. 77
Girardin, M., see Boukharta, M. 406
Grant, B., see Smillie, R. H. 253
Grob, K.
—— and Li, Z.
Damage to gas chromatographic columns caused by peroxides in liquid chromatographic eluents for coupled liquid chromatography–gas chromatography 297
Grosset, C., see Vergnes, M. F. 369
Hards, R. G.
—— and Patterson, D.
Resolution of the intermediates of *de novo* purine biosynthesis by ion-pair reversed-phase high-performance liquid chromatography 217
Harmony, M. D., see Roach, M. C. 332
Hashimoto, Y., see Endo, M. 430
Haverty, D. G., see Smith, R. M. 349
Heydt, A., see Wenger, P. 225
Holstege, C. P.
——, Pickaart, M. J. and Louters, L. L.
Separation of RNA and DNA by histone affinity high-performance liquid chromatography 401
Holotík, Š., see Matisová, E. 301
Hunter, B. T., see Ascah, T. L. 279
Hurdley, T. G., see Smith, R. M. 77
Ichimaru, M., see Endo, M. 430
Ito, Y.
—— and Zhang, T.-Y.
Cross-axis synchronous flow-through coil planet centrifuge for large-scale preparative counter-current chromatography. III. Performance of large-bore coils in slow planetary motion 151
Jinno, K.
—— and Niimi, S.
Retention behaviour of polycyclic aromatic hydrocarbons in supercritical fluid chromatography on various chemically bonded stationary phases with carbon dioxide as a mobile phase 29
Jones, H. K.
——, Barman, B. N. and Giddings, J. C.
Resolution of colloidal latex aggregates by sedimentation field-flow fractionation 1
Jones, W. J.
——, Egoville, M. J., Strolle, E. O. and Dellamonica, E. S.
Determination of partition coefficients by headspace gas chromatography 45
Kalonia, D. S.
—— and Simonelli, A. P.
Development of an high-performance liquid chromatographic method for the simultaneous analysis of the species involved in diethyl L-tartrate hydrolysis 355
Kato, A., see Endo, M. 430
Kawahara, F. K., see Bicking, M. K. L. 310
Kemp, M. W., see Li, C.-Y. 241
Kitada, Y., see Mochizuki, E. 271
Klesper, E., see Gemmel, B. 17
König, A., see Schoene, K. 67
Kovačičová, E., see Matisová, E. 301
Krupčík, J., see Matisová, E. 301
Kusz, P., see Szymanowski, J. 119, 131
Kuwata, K.
—— and Tanaka, S.
Liquid chromatographic determination of trace amounts of low-molecular-weight fatty acid vapours in industrial emissions 425
Larsson, P.-O., see Wikström, P. 105
Latocha, Cz., see Szymanowski, J. 119
Li, C.-Y.
—— and Kemp, M. W.
Determination of phenols by liquid chromatography using reductive electrochemical detection via precolumn derivatization 241
Li, Z., see Grob, K. 297
Long, T. D., see Wenger, P. 225
Longbottom, J. E., see Bicking, M. K. L. 310
Louters, L. L., see Holstege, C. P. 401
Lowe, C. R., see Burton, S. J. 201

Ma, Y.
—— and Yeung, E. S.
Indirect fluorimetric detection of non-electrolytes in thin-layer chromatography 382
McKeon, T. A.
Activity stain for polygalacturonase 376
Mandenius, C. F., see Wikström, P. 105
Marquard, F.
—— and Sonne, O.
Simultaneous collection of the eluate from up to twenty liquid chromatographic columns by a minor modification to the fraction collector 360
Matisová, E.
——, Rukríglová, M., Krupčík, J., Kovačičová, E. and Holotík, Š.
Identification of alkylbenzenes up to $C_{12}$ by capillary gas chromatography and combined gas chromatography–mass spectrometry. I. OV-101 as stationary phase 301
Matsumura, M., see Endo, M. 430
Mazur, J.
——, Witkiewicz, Z. and Dąbrowski, R.
Isothiocyanate as a liquid crystalline stationary phase in capillary gas chromatography for the separation of polyaromatic hydrocarbons 323
Metche, M., see Boukharta, M. 406
Mizutani, T., see Endo, M. 430
Mochizuki, E.
——, Nakayama, A., Kitada, Y., Saito, K., Nakazawa, H., Suzuki, S. and Fujita, M.
Liquid chromatographic determination of alliin in garlic and garlic products 271
Moriyasu, M., see Endo, M. 430
Nakayama, A., see Mochizuki, E. 271
Nakazawa, H., see Mochizuki, E. 271
Niimi, S., see Jinno, K. 29
Opong-Mensah, K.
—— and Porter, W. R.
Separation of some rodenticides and related compounds by thin-layer chromatography 439
Oshima, T.
——, Sagara, K., Yoshida, T., Tong, Y.-Y., Zhang, G. and Chen, Y.-H.
Determination of geniposide, gardenoside, geniposidic acid and genipin-1-$\beta$-gentiobioside in *Gardenia jasminoides* by high-performance liquid chromatography 410
Osselton, M. D., see Smith, R. M. 77
Pablo, J. De, see Farran, A. 163
Pacáková, V., see Burcinová, A. 420
Paris-Pireyre, N., see Brunet, P. 173
Patterson, D., see Hards, R. G. 217
Pickaart, M. J., see Holstege, C. P. 401
Podhradský, D.
——, Antalík, M. and Šturdík, E.
Separation of thiols on Spheron Ara activated with 2-nitrophenylhydrazonopropandinitrile ligand 344
Pokharna, H. K., see Fulton, J. A. 183
Porter, W. R., see Opong-Mensah, K. 439
Powell, J. E., see Sawyer, D. J. 193
Przasnyski, M., see Dębowska, B. 336
Roach, M. C.
—— and Harmony, M. D.
High-sensitivity laser-induced fluorescence–high-performance liquid chromatography studies of polyaromatic hydrocarbons using the argon ion laser–Yeung detector cell configuration 332
Robinson, R. S.
——, Tavss, E. A., Santalucia, J. and Carroll, D. L.
Flavor characterization of dentifrices using equilibrium headspace gas chromatography 143
Rukríglová, M., see Matisová, E. 301
Saesmaa, T.
Quantitative high-performance liquid chromatographic determination of ampicillin embonate and amoxycillin embonate 415
Sagara, K., see Oshima, T. 410
Saito, K., see Mochizuki, E. 271
Samochocka, K., see Dębowska, B. 336
Santalucia, J., see Robinson, R. S. 143
Sarrobert, B., see Brunet, P. 173
Sawyer, D. J.
——, Powell, J. E. and Burkholder, H. R.
Purification of diethylenetriamine-N,N,N′,-N″-tetraacetic acid-N″-propionic acid using anion-exchange displacement chromatography 193
Schmitz, F. P., see Gemmel, B. 17
Schoene, K.
——, Steinhanses, J. and König, A.
Determination of the solubility of vapours in polymers by automated headspace gas chromatography 67
Seiber, J. N., see Woodrow, J. E. 53
Sentell, K. B.
——, Barnes, K. W. and Dorsey, J. G.
Ultrasound driven synthesis of reversed-phase stationary phases for liquid chromatography using 4-dimethylaminopyridine as acid-acceptor 95
Sheikh, S. U.
—— and Touchstone, J. C.
Temperature programming in high-performance liquid chromatography 327
Simonelli, A. P., see Kalonia, D. S. 355

Smillie, R. H.
——, Grant, B. and Cribbes, R. L.
Determination of phosphate and phosphite in plant material by gas chromatography–mass spectrometry and ion chromatography 253
Smith, D. J., see Fulton, J. A. 183
Smith, R. M.
——, Abdul Ghani, A., Haverty, D. G., Bament, G. S., Chamsi, A. Y. and Fogg, A. G.
Derivatisation of amines with O-acetylsalicyloyl chloride to enhance electrochemical detection in high-performance liquid chromatography 349
——, Hurdley, T. G., Westlake, J. P., Gill, R. and Osselton, M. D.
Retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol–ammonium nitrate eluent. Batch-to-batch reproducibility of the stationary phase 77
Sonne, O., see Marquard, F. 360
Stead, C. V., see Burton, S. J. 201
Steinhanses, J., see Schoene, K. 67
Storey, K. B., see Brooks, S. P. J. 291
Strolle, E. O., see Jones, W. J. 45
Štulík, K., see Burcinová, A. 420
Šturdík, E., see Podhradský, D. 344
Suzuki, S., see Mochizuki, E. 271
Sybilska, D., see Dębowska, B. 336
Szymanowski, J.
——, Kusz, P. and Dziwiński, E.
Chemical degradation and analysis of polyoxyethylene glycols and ethylene oxide–α-butylene oxide block copolymers 131
——, Kusz, P., Dziwiński, E. and Latocha, Cz.
Degradation and analysis of polyoxyethylene monoalkyl ethers in the presence of acetyl chloride 119
Tacchi-Bedford, A. M.
Measurement of methylated DNA purines by reversed-phase high-performance liquid chromatography and fluorimetric detection 364
Tanaka, S., see Kuwata, K. 425
Tavss, E. A., see Robinson, R. S. 143
Tichý, M., see Burcinová, A. 420
Tong, Y.-Y., see Oshima, T. 410
Touchstone, J. C., see Sheikh, S. U. 327
Van der Walt, L. A., see Boyle, D. M. 434
Vergnes, M. F.
——, Grosset, C. and Alary, J.
Étude par chromatographie liquide haute performance des metabolites potentiels de la caféine. Comparaison de différentes techniques 369
Wainer, I. W.
—— and Chu, Y.-Q.
Use of mobile phase modifiers to alter retention and stereoselectivity on a bovine serum albumin high-performance liquid chromatographic chiral stationary phase 316
Walt, L. A. van der, see Boyle, D. M. 434
Wenger, P.
——, Heydt, A., Egen, N. B., Long, T. D. and Bier, M.
Purification of lentil lectins using preparative electrophoresis 225
Westlake, J. P., see Smith, R. M. 77
Wikström, P.
——, Mandenius, C. F. and Larsson, P.-O.
Gas phase silylation, a rapid method for preparation of high-performance liquid chromatography supports 105
Witkiewicz, Z., see Mazur, J. 323
Woodrow, J. E.
—— and Seiber, J. N.
Vapor-pressure measurement of complex hydrocarbon mixtures by headspace gas chromatography 53
Yeung, E. S., see Ma, Y. 382
Yoshida, T., see Oshima, T. 410
Zhang, G., see Oshima, T. 410
Zhang, T.-Y., see Ito, Y. 151